

# UNIT 1 - LESSON PLANS

**Class** Geometry

**Topic** U1 – Exploring Angle Pairs

**Lesson 5 Of 8**

## Objective

Students will:

- Identify special angle pairs and use their relationships to find angle measures.

## “I Can” Statement

I can verbally describe different angle pairs using the proper vocabulary.

## Common Core Standards

### [CCSS.MATH.CONTENT.7.G.B.5](#)

Use facts about supplementary, complementary, vertical, and adjacent angles in a multi-step problem to write and solve simple equations for an unknown angle in a figure.

### [CCSS.MATH.CONTENT.HSG.CO.C.9](#)

Prove theorems about lines and angles. *Theorems include: vertical angles are congruent; when a transversal crosses parallel lines, alternate interior angles are congruent and corresponding angles are congruent; points on a perpendicular bisector of a line segment are exactly those equidistant from the segment's endpoints.*

## Bell Work

Have a box on every desk and a pair of scissors. Tell the students to cut the box so that the outside faces of the box lay flat on their desk. **\*\*IMPORTANT\*\*** The box has to remain one in one single piece of card board. No Pieces! How many different nets were created?

## Procedures

1. Start and lead student discussion related to the bell work.
2. Distribute the Guided Notes

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3. Present lesson or play a video lesson.
4. Distribute Lesson Assignment.
5. Do Kahn Academy Video Lesson and Quizzes (EXCELLENT FOR THIS LESSON)

## Assessment

Assignment 1-5

Exit Quiz 1-5

## Additional Resources

Khan Academy Quiz